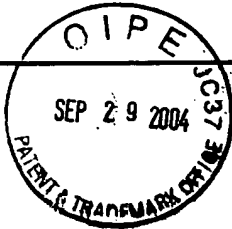


TIFW

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
(Under 37 CFR 1.97(b) or 1.97(c))Docket No.  
Le A 35172

In Re Application Of: Sirinyan, K. et al.

Serial No.  
10/682,127Filing Date  
10/09/2003Examiner  
None Assigned YetGroup Art Unit  
1615Title: **Dermally Applicable Liquid Formulations for Controlling Parasitic Insects on Animals**Address to:  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**37 CFR 1.97(b)**

1. ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

**37 CFR 1.97(c)**

2. ☐ The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

☐ the statement specified in 37 CFR 1.97(e);

OR

☐ the fee set forth in 37 CFR 1.17(p).

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.  
Le A 35172

In Re Application: Sirinyan, K. et al.

Serial No.

10/682,127

Filing Date

10/09/2003

Examiner

None Assigned Yet

Group Art Unit

1615

**Dermally Applicable Liquid Formulations for Controlling Parasitic Insects on Animals**

**Payment of Fee**

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of \_\_\_\_\_ is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account 02-1441 as described below.
- ☐ Charge the amount of \_\_\_\_\_
- ☒ Credit any overpayment.
- ☒ Charge any additional fee required.

**Certificate of Transmission by Facsimile\***

I certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. \_\_\_\_\_) on \_\_\_\_\_

(Date)

Signature

Typed or Printed Name of Person Signing Certificate

**Certificate of Mailing by First Class Mail**

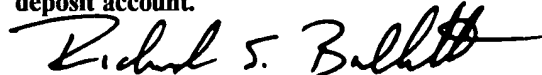
I certify that this document and fee is being deposited on 09/27/2004 with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Signature of Person Mailing Correspondence

Richard S. Bullitt

Typed or Printed Name of Person Mailing Certificate

\*This certificate may only be used if paying by deposit account.



Signature

Dated: September 27, 2004

CC:



THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Sirinyan, K., et al.

Examiner: None Assigned Yet

Serial No.: 10/682,127

Group Art Unit: 1615

Filing Date: October 9, 2003

Atty Docket No.: Le A 35172

Title: Dermally Applicable Liquid Formulations for Controlling Parasitic Insects on Animals Submitted: September 27, 2004

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Supplemental Information Disclosure Statement

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

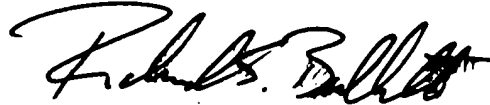
In accordance with the duty of disclosure, applicant herewith submits copies of various references pertaining to this application. Each reference and the reason that each reference is submitted are set forth in the following table. Also submitted herewith, for the convenience of the Examiner, is a copy of the International Search Report and six (6) sheets of a PTO form 1449.

Patent	1449 Ref.	Place Cited	Corresponding Patent
US 2003/0055089	A	App. P. 1	WO 98/27817
US 6,232,328	B	App. P. 1; Search Report	EP 682,869
US 6,080,796	C	App. P. 2	
US 6,033,731	D	App. P. 2	
US 5,435,992	E	App. P. 1	EP 567,368
US 5,253,182	F	App. P. 1	JP 03-220176
US 5,236,954	G	App. P. 1	
US 5,074,252	H	App. P. 1	
US 5,039,686	I	App. P. 1	
US 5,034,524	J	App. P. 1	
US 5,034,404	K	App. P. 1	
US 4,963,572	L	App. P. 1	EP 303,570
US 4,948,798	M	App. P. 1	EP 306,696
US 4,918,088	N	App. P. 1	BR 8803621

Patent	1449 Ref.	Place Cited	Corresponding Patent
US 4,918,086	O	App. P. 1	EP 302,833
US 4,914,113	P	App. P. 1	EP 315,826
US 4,882,344	Q	App. P. 1	EP 259,738
US 4,849,432	R	App. P. 1	EP 235,725
US 4,806,553	S	App. P. 1	EP 254,859
US 4,774,247	T	App. P. 1	EP 163,855
US 4,772,620	U	App. P. 1	EP 212,600
US 4,742,060	V	App. P. 1	EP 192,060
US 4,647,570	W	App. P. 1	EP 154,178
US 4,590,272	X	App. P. 1	EP 136,636
US 4,963,574	Y	App. P. 1	FR 2,611,114
WO 00/54591	Z	App. P. 2	
WO 91/17659	AA	App. P. 1	
WO 95/17090	AB	App. P. 1	
EP 981,955	AC	App. P. 2	
EP 976,328	AD	App. P. 1	
EP 471,372	AE	App. P. 1	
EP 461,962	AF	App. P. 1	
EP 464,830	AG	App. P. 1	
EP 455,000	AH	App. P. 1	
EP 428,941	AI	App. P. 1	
EP 425,978	AJ	App. P. 1	
EP 383,091	AK	App. P. 1	
EP 375,907	AL	App. P. 1	
EP 368,565	AM	App. P. 1	
EP 364,844	AN	App. P. 1	
EP 302,389	AO	App. P. 1	
EP 189,972	AP	App. P. 1	
EP 135,956	AQ	App. P. 1	
DE 3712307	AR	App. P. 1	
DE 3639877	AS	App. P. 1	
JP 03-220176	AT	App. P. 1	US 5,253,182
JP 03-255072	AU	App. P. 1	
JP 03-279359	AV	App. P. 1	
JP 63-307857	AW	App. P. 1	
JP 63-287764	AX	App. P. 1	
JP 02-207083	AY	App. P. 1	
JP 07-089803	AZ	App. P. 2	
JP 07-247203	BA	App. P. 1	
WO 02/43494	BB	Search Report	
WO 96/17520	BC	Search Report	
FR 2,784,011	BD	Search Report	

This information disclosure statement supplements the information disclosure statement filed October 9, 2003.

Respectfully Submitted,

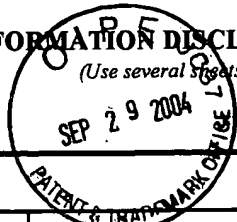
A handwritten signature in black ink, appearing to read "Richard S. Bullitt", with a stylized flourish at the end.

Richard S. Bullitt  
Reg. No. 30,733

Bayer HealthCare, LLC  
36 Columbia Road  
Morristown, NJ 07962

# INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)



Docket Number (Optional)

Le A 35172

Application Number

10/682,127

Applicant(s)

Sirinyan, K., et al.

Filing Date

10/09/2003

Group Art Unit

1615

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A	2003/0055089	03/20/2003	Sirinyan et al.	514	341	
	B	6,232,328	05/15/2001	Dorn, et al.	514	341	
	C	6,080,796	06/27/2000	Liebert, et al.	521	64	
	D	6,033,731	03/07/2000	Liebert, et al.	427	244	
	E	5,435,992	07/25/1995	Audegond, et al.	514	419	
	F	5,253,182	10/12/1993	Suzuki	364	489	
	G	5,236,954	08/17/1993	Gladney, et al.	514	531	
	H	5,074,252	12/24/1991	Morgan, Jr.	119	156	
	I	5,039,686	08/13/1991	Davies, et al.	514	341	
	J	5,034,524	07/23/1991	Shiokawa, et al.	544	124	
	K	5,034,404	07/23/1991	Uneme, et al.	514	365	

## FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
	Z	WO 00/54591	09/21/2000	PCT	A01N	47/00		✓
	AA	WO 91/17659	11/28/1991	PCT	A01N	35/08		✓
	AB	WO 95/17090	06/29/1995	PCT	A01N	25/24		✓
	AC	EP 981,955	08/10/1999	EPC	A01N	25/10		✓
	AD	EP 976,328	07/19/1999	EPC	A01N	51/00		✓

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>				ATTY DOCKET NO. <b>Le A 35172</b>		SERIAL NO. <b>10/682,127</b>	
				APPLICANT(S) <b>Sirinyan, K., et al.</b>			
				FILING DATE <b>10/09/2003</b>		GROUP <b>1615</b>	
<b>U.S. PATENT DOCUMENTS</b>							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	L	4,963,572	10/16/1990	Gsell	514	357	
	M	4,948,798	08/14/1990	Gsell	514	275	
	N	4,918,088	04/17/1990	Gsell	514	357	
	O	4,918,086	04/17/1990	Gsell	514	351	
	P	4,914,113	04/03/1990	Shiokawa, et al.	514	333	
	Q	4,882,344	11/21/1989	Shiokawa, et al.	514	342	
	R	4,849,432	07/18/1989	Shiokawa, et al.	514	341	
	S	4,806,553	02/21/1989	Shiokawa, et al.	514	332	
	T	4,774,247	09/27/1988	Shiokawa, et al.	514	256	
	U	4,772,620	09/20/1988	Shiokawa, et al.	514	341	
	V	4,742,060	05/03/1988	Shiokawa, et al.	514	252	
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	<div style="text-align: center;">TRANSLATION</div> <div style="display: flex; justify-content: space-between;"> <span>YES</span> <span>NO</span> </div>
	AE	EP 471,372	08/15/1991	EPC	C07D	277/32	✓
	AF	EP 461,962	06/06/1991	EPC	A01N	31/08	✓
	AG	EP 464,830	07/04/1991	EPC	C07F	9/6506	✓
	AH	EP 455,000	04/02/1991	EPC	C07D	401/06	✓
	AI	EP 428,941	11/08/1990	EPC	C07D	251/04	✓
<b>OTHER DOCUMENTS</b> <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
<b>EXAMINER</b>				<b>DATE CONSIDERED</b>			
<small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>							

<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>	ATTY DOCKET NO. <b>Le A 35172</b>	SERIAL NO. <b>10/682,127</b>
	APPLICANT(S) <b>Sirinyan, K., et al.</b>	
	FILING DATE <b>10/09/2003</b>	GROUP <b>1615</b>

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	W	4,647,570	03/03/1987	Shiokawa, et al.	514	341	
	X	4,590,272	05/20/1986	Shiokawa, et al.	544	335	
	Y	4,963,574	10/16/1990	Bachmann, et al.	514	357	

**FOREIGN PATENT DOCUMENTS**

*	EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AJ	EP 425,978	10/23/1990	EPC	C07D	213/61		✓
	AK	EP 383,091	01/31/1990	EPC	C07D	213/61		✓
	AL	EP 375,907	11/16/1989	EPC	C07D	213/61		✓
	AM	EP 368,565	11/02/1989	EPC	C22C	37/00		✓
	AN	EP 364,844	10/07/1989	EPC	C07D	213/61		✓

**OTHER DOCUMENTS** *(Including Author, Title, Date, Pertinent Pages, Etc.)*


<b>EXAMINER</b>	<b>DATE CONSIDERED</b>
-----------------	------------------------

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<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>				ATTY DOCKET NO. <b>Le A 35172</b>		SERIAL NO. <b>10/682,127</b>	
				APPLICANT(S) <b>Sirinyan, K., et al.</b>			
				FILING DATE <b>10/09/2003</b>		GROUP <b>1615</b>	
<b>U.S. PATENT DOCUMENTS</b>							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	BD	FR 2784011	10/05/1998	France	A01N	53/12	
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES      NO
	AY	JP 2-207083	02/04/1989	Japan	C07D	401/06	✓
	AZ	JP 7-89803	09/24/1993	Japan	A01N	25/02	✓
	BA	JP 7-247203	03/10/1994	Japan	A01N	53/02	✓
	BB	WO 02/43494	06/06/2002	PCT	A01N	53/00	✓
	BC	WO 96/17520	06/13/1996	PCT	A01N	51/00	✓
<b>OTHER DOCUMENTS    (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
EXAMINER				DATE CONSIDERED			
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